

**Case 3466*****Pachyramphus* G.R. Gray in Gould, 1839 (July) (Aves, Passeriformes): proposed conservation of usage of the generic name**

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**Abstract.** The purpose of this application, under Article 23.9.3 of the Code, is to conserve the name *Pachyramphus* G.R. Gray in Gould, 1839 (July) (family COTINGIDAE) in its accustomed usage, for a genus of cotinga from Central and South America. It is proposed that the name *Pachyramphus* Gould, 1839 (January) and all its uses before July 1839 be suppressed.

**Keywords.** Nomenclature; taxonomy; Aves; Passeriformes; COTINGIDAE; TYRANNIDAE; *Pachyrhynchus*; *Pachyramphus*; *Psaris cuvierii*; *Pachyramphus viridis*; Central America; South America; cotingas; becards.

1. The International Commission on Zoological Nomenclature (Opinion 928, August 1970; BZN 27: 93–94) suppressed the avian name *Pachyrhynchus* Wagler in Hahn (1822, pl. 6 and text), a junior synonym of *Tityra* Vieillot, 1816, for purposes of both the Principle of Priority and the Principle of Homonymy in order to conserve the coleopteran name *Pachyrhynchus* Germar, 1824.

2. Spix (1825, p. 31) was the next to use *Pachyrhynchus* in birds. It is probable that Spix had in mind Wagler's (1822) name, but the authorship of the name was not given by him, and both ornithologists and compilers of nomenclators (e.g. Neave, 1940, p. 515) usually considered that Spix had independently established a homonym. His seven included species were: *Pachyrhynchus variegatus* Spix, 1825, unidentifiable fide Hellmayr (1929, p. 179, footnote), *Pachyrhynchus cajanus* Spix, 1825 = *Lanius cayana* Linnaeus, 1766, *Pachyrhynchus semifasciatus* Spix, 1825, *Pachyrhynchus cuvierii* (Swainson, 1821) = *Tityra viridis* Vieillot, 1816, *Pachyrhynchus niger* Spix, 1825 = *Pachyramphus polychopterus nigriventris* Sclater, 1857, *Pachyrhynchus cinerascens* Spix, 1825 = *Lanius validus* Lichtenstein, 1823, and *Pachyrhynchus rufescens* Spix, 1825 = *Muscicapa rufa* Boddaert, 1783.

3. The name *Pachyramphus* appeared first on two plate captions in Gould (1839a, January, pls. XIV and XV): '*Pachyramphus albescens*' (currently *Suiriri suiriri suiriri* (Vieillot, 1818)) and '*Pachyramphus minimus*' (currently *Polystictus pectoralis pectoralis* (Vieillot, 1817)), respectively.

4. Six months later (Gould, 1839b, July, p. 50), corresponding text was published, in which it was explained that *Pachyramphus* was proposed by Gray as a new replacement name (nomen novum) for *Pachyrhynchus* Spix, 1825: 'The generic name of *Pachyrhynchus* Spix, is changed by Mr. G.R. Gray to *Pachyramphus*, as the former word is used in insects' [i.e. for *Pachyrhynchus* Germar, 1824]. It was also made clear that the captions under plates XIV and XV were changed by Gray, who edited the

work during Gould's absence from England; Gould had intended to use the generic name *Pachyrhynchus*.

5. Gray (1840, p. 31) designated '*P. cuvieri* Swainson' (i.e. *Psaris cuvierii* Swainson, 1821 (pl. 32, and text) = *Pachyramphus viridis* (Vieillot, 1816)) as the type species, and this designation applies to *Pachyrhynchus* Spix, 1825, and to *Pachyramphus* G.R. Gray in Gould, 1839 (Article 67.8 of the Code). *Psaris cuvierii* Swainson, 1821 is a junior synonym of *Tityra viridis* Vieillot, 1816. In all probability the synonymy was established by G.R. Gray (1869, p. 368).

6. The name *Pachyramphus* relates to a group of some 16 species of cotinga known as becards, with a widespread distribution throughout Central and South America; *Pachyramphus viridis*, the valid name of the type species, is the green-backed becard from northern South America. Usage of *Pachyramphus* G.R. Gray, both historic and recent, is demonstrated by the following publications: Bonaparte (1850, p. 180), Sclater (1862, p. 240), Sclater (1888, p. 337), Salvin & Godman (1890, p. 124), Brabourne & Chubb (1912, p. 315), Hellmayr (1929, p. 163), Pinto (1944, p. 30), Wetmore (1972, pp. 273–286), Peterson & Chalif (1973, p. 138), Ridgely (1976, pp. 224–226), Wolters (1977, p. 170), Snow (1979, p. 229), Sibley & Monroe (1990, p. 368), Sick (1993, p. 484), Ridgely & Tudor (1994, p. 676), A.O.U. (1998, p. 417), Rodner, Lentino & Restall (2000, p. 83) and Dickinson (2003, p. 344). Ornithologists have generally credited the name to G.R. Gray, 1840, while nomenclators (Sherborn, 1929, p. 4675; Schulze et al., 1933, p. 2441; Neave, 1940, p. 515) give the authorship of G.R. Gray in Gould (1839b, p. 50), and, until Steinheimer et al. (2006, p. 185), nobody realised the potential for it to be associated with the plate captions in Gould, 1839a.

7. If *Pachyramphus* were to be accepted from its first publication in the plate captions (Gould, 1839a), the name would be ineligible as a new replacement name (nomen novum), as the only originally included species would be *Pachyramphus albescens* Gould and *Pachyramphus minimus* Gould, designation of either of which as type species would render *Pachyramphus* an unused senior synonym of either *Suiriri* d'Orbigny, 1840 or *Polystictus* Reichenbach, 1850, and it would be necessary to change the current genus name *Pachyramphus*. To promote stability and avoid confusion, it is proposed to suppress the name *Pachyramphus* Gould, 1839a (January).

8. This application is a direct result of the withdrawal of Case 3347 (BZN 63: 194–196; 64: 270), dealing primarily with the homonymy of *Pachyrhynchus* Wagler, 1822, the suppression of which (Opinion 928, August 1970, BZN 27: 93–94) had been overlooked by the authors of that case.

9. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to suppress *Pachyramphus* Gould, 1839a (January) for the purposes of both the Principle of Priority and the Principle of Homonymy and all its uses before G.R. Gray in Gould, 1839b (July);
- (2) to place on the Official List of Generic Names in Zoology the name *Pachyramphus* G.R. Gray in Gould, 1839 (gender: masculine), type species by subsequent designation by G.R. Gray, 1840 *Psaris cuvierii* Swainson, 1821, a junior synonym of *Tityra viridis* Vieillot, 1816;
- (3) to place on the Official List of Specific Names in Zoology the name *viridis* Vieillot, 1816, as published in the binomen *Tityra viridis* (senior synonym

of *Psaris cuvierii* Swainson, 1821, specific name of the type species of *Pachyramphus* G.R. Gray in Gould, 1839);

- (4) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the name *Pachyramphus* Gould, 1839 (January), as suppressed in (1) above.

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